

SLAVIN, R.M., kand. tekhn. nauk

Automatic water supply on livestock farms. Mekh. i elek. sots.  
sel'khoz. 19 no.3:42-45'61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozaystva.  
(Pumping machinery) (Cattle--Watering)

SLAVIN, R.M. kand.tekhn.nauk

Over-all mechanization and automation in poultry houses. Mekh.i  
elek.sots.sel'khoz. 19 no.5:36-40 '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii  
sel'skogo khozyaystva.

(Poultry houses and equipment)

SLAVIN, R.M., kand.tekhn.nauk

Automatically controlled electric<sup>"</sup> drive of a pump with level  
regulation. Nauch. trudy VIESKH 11:5-51 '62. (MIRA 16:3)  
(Pumping machinery, Electric)  
(Stock and stockbreeding--Electric equipment)

SLAVIN, R. M., kand, tekhn. nauk

Complex setup of a mechanized poultry house. Mekh. i elek. sets.  
sel'khoz. 20 no.6:44-47 '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifi-  
katsii sel'skogo khozyaystva.

(Poultry houses and equipment)

SLAVIN, R.M., inzh.; VASIL'YEV, V.G., inzh.; GERAS'KOV, N.I., inzh.

Complex of machines for over-all mechanization of large poultry  
houses. Zhivotnovodstvo 24 no.5:74-78 My '62. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii  
sel'skogo khozyaystva.

SLAVIN, R.M., kand.tekhn.nauk

From ~~small~~ poultry houses to large poultry raising departments  
and fully automated enterprises. Vest. elektroprom. 33 no.9:26-  
29 S '62. (MIRA 15:10)

(Poultry houses and equipment)

SLAVIN, R.M.; VASIL'YEV, V.G.; GERAS'KOV, N.I.; KISHECHNIKOV,  
S.A.; DMITRIYEV, I.N., red.; TRUKHINA, O.N., tekhn.red.

[Overall mechanization in poultry raising] Kompleksnaia  
mekhanizatsiia v ptitsevodstve. [By] R.M.Slavin i dr. Mo-  
skva, Sel'khozizdat, 1963. 287 p. (MIRA 17:2)

SLAVIN, Radiy Mikhaylovich; YESIPOVICH, N.M., red.; KOSOROTOV, B.V.,  
red.; TSUKHINA, O.N., tekhn. red.

[Automation on livestock farms] Avtomatizatsia na zhivotno-  
vodcheskikh formakh. Moskva, Sel'khozizdat, 1963. 342 p.  
(MIRA 16:5)

(Stock and stockbreeding) (Automation)



PRIVEZENTSEV, V.A., doktor tekhn. nauk; SLAVIN, R.M., kand. tekhn.  
nauk; KHOLODNYI, S.D., kand. tekhn. nauk; BABAKHANOV, Yu.M.,  
inzh.

Study of polychlorovinyl insulation of winding wires of  
water cooled electric motors. Elektrotehnika 36 no.8:  
4-9 Ag '64. (MIRA 17:9)

SLAVIN, N.M. and A. Tekhn. zadk; ATAKISHTEV, T.O., inzh.

Calculations of parameters for the cellular working part of automatic machines for the collecting, selecting, and packing of eggs. Trakt. i sel'khozmasht., no. 4:35-37 Apr '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.

ACC NR: AP6035759

(A, N)

SOURCE CODE: UR/0413/66/000/019/0130/0131

INVENTOR: Slavin, R. M.; Usakovskiy, V. M.; Babakhanov, Yu. M.; Lugovskoy, M. V.

ORG: none

TITLE: Hermetic electric pump. Class 59, No. 186862. [announced by the All-Union Scientific Research Institute for Rural Electrification (Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 130-131

TOPIC TAGS: ~~mechanical engineering~~, fluid pump, hydraulic pump, electric motor

ABSTRACT: An Author Certificate has been issued for a hermetic electric pump consisting of a housing containing a pump and an electric-drive motor with an outer rotor and a female stator, the pump is cooled by a part of the fluid which is transferred from the discharge to the suction nozzle. To simplify design and intensify cooling, the pump's working members are located on the surface of the rotor or of the rotor and the electric-motor housing, and the winding of the stator is designed for the direct transfer of the cooling flow through the stator's slots. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 26Apr65/

Card 1/1

UDC: 621.67-83

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9.9300

S/107/61/000/002/001/003

E073/E535

AUTHOR: Slavin, S.

TITLE: The Kabanov Effect

PERIODICAL: Radio, 1961, No.2, p.6

TEXT: On the night of October 10, 1946 Candidate of Technical Sciences N. I. Kabanov succeeded in obtaining very weak reflections of radar signals from the Draconid meteor shower which at the time passed near the Earth. On the basis of the radar echoes, the distance of this shower was about 300 km from the surface of the Earth. Later on, Kabanov succeeded in obtaining echoes from the ionized trails of meteor showers at distances of about 1000 km. Kabanov argued that if radiowaves are reflected by meteor trails from such considerable distances, it is obviously possible that after bouncing back to Earth from the ionosphere a fraction of the energy will eventually return from the point of destination to the transmission point. Theoretical analysis and calculations have supported this hypothesis and, in fact, a radio locator operating in the UHF range did receive signals which bounced back from a point on the Earth 2000 km away from the transmitter. Kabanov concluded

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### The Kabanov Effect

that this technique would enable "seeing" over long distances by means of "ionosphere radio location". Kabanov prepared a detailed report on this topic in 1947. In November, 1960 the Chairman of the State Committee on Inventions and Discoveries, A. F. Garmashev, presented to Kabanov a certificate No.1 in which the "Kabanov Effect" is defined as follows: "radiowaves reflected from the ionosphere will partly scatter after bouncing onto the Earth's surface but a certain fraction of the scattered energy will bounce back to the source of radiation where it can be recorded". The importance of this discovery can hardly be over estimated, since it can be used for probing the ionosphere at various angles and is a new method of investigating the ionosphere and radio propagation. The Kabanov effect enables determining the conditions of passage of radiowaves and to select more accurately optimum frequencies for radio communication with particular geographical regions. Theoretically it is possible to reach any corner of the globe by appropriate selection of the frequency and the direction of transmission; the curvature of the Earth will no longer be an obstacle to radio location. Kabanov stated that radio amateurs can definitely assist

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The Kabanov Effect

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E073/E535

in probing this phenomenon, using relatively simple equipment, for instance, aerials of the "wave channel" type and pulse generation equipment for the transmitter with CRT connected to the receiver output. Amateurs will be able to receive their own signals from distances of a few hundreds to many thousands of kilometres. By changing the frequency, radio amateurs will be able to communicate more efficiently with selected regions of the Earth. The most favourable time for receiving the reflected signals is from sunset to sunrise.

X

Card 3/3

SLAVIN, S.

Voprosy khoziaistvennogo osvoeniia Ukhta-Pechorskogo kraia. /Problems of the economic development of Ukhta-Pechora territory. Transport facilities/ (Planovoe khoz-vo 1935, no. 7 p. 134 Transport [zheleznodorozhnye linii] p. 146-155) DLC: HE5.W4

SO: Soviet Transportation and Communication, A Bibliography, Library Of Congress, Reference Department, Washington, 1952, Unclassified.

SLAVIN, S.V.

Severnnyi morskoi put'. [The Northern Sea Route]. (Bol. sov. ents., 1944, v. 50, col. 579-591). DLC: AE55.B6

Severnnyi morskoi put'. [The Northern Sea Route]. (Molodoi bol'shevik, 1940, no. 1-6, p. 60-65). DLC: H4799.R9M6

Severnnyi morskoi put' v Sisteme narodnogo khoziaistva SSSR. [The Northern Sea Route in the national economy of the U.S.S.R.]. Moskva, Izd-vo Glavsevmorputi, 1945. 12 l. (Arkticheskii nauchnoissledovatel'skii institut 25 let, 1920-1945; Doklady iubileinoi sessii).

Severnnyi morskoi put' v tret'ei stalinskoi piatiletke. [The Northern Sea Route in the third Stalin five-year plan]. (Sovetskaia Arktika, 1939, no. 5). DLC: G600.86

SC: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.



SLAVIN, S. V.

Slavin, S. V. "Navigation through the Karsk Sea and Russian-Mongolian relations",  
Letopis' Severa, 1, 1949, p. 284-87.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

SLAVIN, S.V.

Characteristics of the economic development of the Yakut A.S.S.R.  
as one of the northern regions of the Asiatic U.S.S.R. Izv.AN  
SSSR.Ser.geog. no.2:6-16 Mr-Ap '56. (MLRA 9:8)

1. Institut ekonomiki AN SSSR.  
(Yakutia--Economic conditions)

"Notes on the History of Railroad Building in the North in Pre-Revolutionary Russia" (From the History of the Struggle for the Economic Development of the North), Chronicles of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North) v. 2, Moscow, Geografiz 1957, 279 p. (Akademiya nauk SSSR. Kommissiya po problemam Severa).

Editorial Board: Andreyev, A. I., Belov, M. I. Burkhanov, V. F., Yefimov, A. V. (Resp. Ed.), Chernenko, M. B. (Deputy Resp. Ed.) and Shcherbakov, D. I.; Ed.: Vorontsova, A. I.; Tech. Ed.: Kosheleva, S. M.; Map. Ed.: Mal'chevskiy, G. N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the Soviet North. A small part of the book is devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and economy of the Soviet North through a historical survey of these factors, a large number of authors, explorers, scientists, travellers, pilots, navigators, etc., are cited.

SHAVIN, M. V.

"Problems of the Development of Railroad Transport in Connection With  
the Industrial Utilization of the Natural Resources of the Soviet North."

dissertation defended for the degree of Doctor of Economics at the Inst. for  
Economy.

Defense of Dissertation (Jan-Jul 1957)

Sect. of Economy, Philosophy, and Jurisprudence  
Vest. AN SSSR, 1957, v. 27, No. 12, pp. 126-128

SLAVIN S.V.

VASYUTIN, V.F., prof., otvetstvennyy red.; SLAVIN, S.V., doktor ekon.nauk, red.; VILENSKIY, M.A., kand.ekon.nauk, red.; PUZANOVA, V.F., nauchnyy sotrudnik, kand.geograficheskikh nauk, red.; SHENKMAN, B.I., red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Problems in the development of industry and transportation in Yakutia] Problemy razvitiia promyshlennosti i transporta Yakutskoi ASSR, 1958. 458 p. (MIRA 11:6)

1. Akademiya nauk SSSR. Institut ekonomiki.  
(Yakutia--Industries)  
(Yakutia--Transportation)

SLAVIN, S.V.

Methods and forms of management in the socialist development of  
natural resources in northern regions of the U.S.S.R. Probl.  
Sev. no.1:229-243 '58. (MIRA 11:12)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR, Sektor  
Severa.

(Russia, Northern--Economic policy)

SLAVIN, S.V.

On the concept of the "Soviet North." Probl.Sev. no.2:253-265  
'58. (MIRA 12:4)

(Russia, Northern--Economic conditions)

SLAVIN, S. V.

"Industrial Development of Natural Resources of the Far North of the USSR"

report to be submitted for the Intl. Geographical Union, 10th General Assembly and 19th Intl. Geographical Congress, Stockholm, Sweden, 6-13 August 1960.



BARDIN, I.P., akademik, glavnyy red. [deceased]; NEKRASOV, N.N., otv. red.tema; SLAVIN, S.V., doktor ekon.nauk, red.toma; SHKOL'NIKOV, M.G., kand.ekon.nauk, red.toma; LAVRENT'YEV, M.A., akademik, red.; VOL'FKOVICH, S.I., akademik, red.; DIKUSHIN, V.I., akademik, red.; NEMCHINOV, V.S., akademik, red.; VEYTS, V.I., red.; LEVITSKIY, O.D., red.; PUSTOVALOV, L.V., red.; KHACHATUROV, T.S., red.; ROSTOVTSSEV, N.F., akademik, red.; POPOV, A.N., red.; GRAFOV, L.Ye., red.; GASHEV, A.D., red.; PROBST, A.Ye., prof., red.; VASYUTIN, V.F., prof., red.; KROTOV, V.A., prof., red.; VASIL'YEV, P.V., doktor ekon.nauk, red.; LYUDOGOVSKIY, G.I., kand.tekhn.nauk, red.; LETUNOV, P.A., kand.geol.-mineral.nauk, red.; MAZOVER, Ya.A., red. izd-va; KASHINA, P.S., tekhn.red.

[Comprehensive regional and interregional problems; [conference reports]] Raionnye i mezhraionnye kompleksnye problemy; [trudy konferentsii]. Moskva, Izd-vo Akad.nauk SSSR, 1960. 190 p. (MIRA 14:1)

1. Konferentsiya po razvitiyu proizvoditel'nykh sil Vostochnoy Sibiri. 1958. 2. Chleny-korrespondenty AN SSSR (for Nekrasov, Veyts, Levitskiy, Pustovalov, Khachaturov). 3. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume Akademii nauk SSSR (for Nekrasov, Shkol'nikov, Slavin). 4. Predsedatel' Soveta po izucheniyu proizvoditel'nykh sil pri Prezidiume AN SSSR (for Nemchinov). 5. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Rostovtsev). 6. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Panov). (Siberia, Eastern--Economic policy)

AGRANAT, Grigoriy Abramovich, starshiy nauchnyy sotrudnik; SLAVIN, S.V.,  
otv.red.; KORMIL'TSEVA, A.A., red.izd-va; NOVICHKOVA, N.D.,  
tekhn.red.

[New machinery and the exploitation of the non-Soviet Far North]  
Novaya tekhnika i osvoenie Zarubezhnogo Severa. Moskva, Izd-vo  
Akad.nauk SSSR, 1960. 124 p. (MIRA 14:2)

1. Sektor prirodnykh resursov i ekonomiki Severa Soveta po izu-  
cheniyu proizvoditel'nykh sil pri Prezidiume Akademii nauk SSSR  
(for Agranat).

(Arctic regions)

GURVICH, Il'ya Samoylovich, nauchnyy sotrudnik, kand.istor.nauk;  
KUZAKOV, Kuz'ma Grigor'yevich, nauchnyy sotrudnik, kand.ekon.  
nauk; SLAVIN, S.V., doktor ekonom.nauk, otv.red.; SERGEYEV,  
M.A., red.izd-va; DOROKHINA, I.N., tekhn.red.

[The Koryak National Area; studies in geography, history,  
ethnology and economics] Koriakskii natsional'nyi okrug;  
oчерki geografii, istorii, etnografii, ekonomiki. Moskva.  
Izd-vo Akad.nauk SSSR, 1960. 301 p.

(MIRA 14:2)

1. Sektor Severa Instituta etnografii AN SSSR (for Gurchich).
2. Sektor prirodnykh resursov i ekonomiki Severa Sovets po issu-  
cheniyu proizvoditel'nykh sil pri Prezidiume AN SSSR (for Kuzakov).  
(Koryak National Area)

SLAVIN, S.V., doktor ekonom.nauk; GRANIK, G.I., kand.ekonom.nauk; KUZAKOV, K.G., kand.ekonom.nauk; MIKHAYLOV, S.V., kand.ekonom.nauk; SHAPALIN, B.F., kand.geograf.nauk; KAMENITSER, L.S., nauchnyy sotrudnik; MOSKVIN, D.D., nauchnyy sotrudnik; TYURDENEV, A.P., nauchnyy sotrudnik; LEDENTSOVA, N.A., inzh.; KOZLOV, B.K., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; BRONSHTEYN, L.B., starshiy nauchnyy sotrudnik; BOVKUN, A.Ye.; VERSHININ, A.A., okhotoved; SERGEYEV, M.A., retsentsent; AGRANAT, G.A., kand.geograf.nauk, red.; PUZANOVA, V.P., kand.geograf.nauk; SHENKMAN, V.I., red.izd-va; BRUZGUL', V.V., tekhn.red.

[Problems in the development of the productive forces of Kamchatka Province] Problemy razvitiia proizvoditel'nykh sil Kamchatskoi oblasti. Moskva, 1960. 420 p. (MIRA 13:7)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil. Sektor prirodnykh resursov i ekonomiki Severa. 2. Zaveduyushchiy Sektorom prirodnykh resursov i ekonomiki Severa Soveta po izucheniyu proizvoditel'nykh sil AN SSSR (for Slavin). 3. Institut energetiki AN SSSR (for Kozlov). 4. Tikhookeanskiy rybnyy institut (TINRO) (for Bronsh-teyn). 5. Starshiy ekonomist Kamchatskogo oblplana (for Bovkun). 6. Kamchatskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta zhiivotnogo syr'ya i pushniny (for Vershinin). (Kamchatka Province--Economic conditions)

SLAVIN, S.

Past and present of the economic regionalization of the U.S.S.R.  
("Economic regionalization of the U.S.S.R. by P.M. Alampiev.  
Reviewed by S. Slavin). Vop. ekon. no.2:120-123 P '60.  
(MIRA 13:1)  
(Economic zoning) (Alampiev, P.M.)

SLAVIN, Samuil Venediktovich; KOMAROV, Ye.I., red.; GERASIMOVA, Ye.S.,  
tekhn. red.

[Developing industry and transportation in the northern part of the  
U.S.S.R.] Promyshlennoe i transportnoe osvoenie Severa SSSR. Mo-  
skva, Izd-vo ekon. lit-ry, 1961. 301 p. (MIRA 14:8)  
(Russia, Northern—Transportation) (Russia, Northern—Industries)

LOGINOV, Viktor Petrovich; SLAVIN, S.V., doktor ekonom. nauk, otv.  
red.; PALTEROVICH, D.M., red. izd-va; ZUZINA, V.I., tekhn.  
red.

[Ways of increasing efficiency in developing the mining  
industry of the northeastern U.S.S.R.] Puti povysheniia ef-  
fektivnosti razvitiia gornoj promyshlennosti Severo-Vostoka  
SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 179 p.  
(MIRA 15:11)

(Siberia, Eastern--Mining engineering)

AGRANAT, G.A., kand. geogr. nauk, ~~nauchnyy~~ ~~sotr.~~; PUZANOVA, V.F.,  
kand. geogr. nauk, ~~nauchnyy~~ ~~sotr.~~; SLAVIN, S.V., doktor  
ekon. nauk, otv. red.; BYKOV, I.K., red.izd-va; YEGOROVA,  
N.F., tekhn. red.

[Power resources, agriculture and industries of the American  
North]Energetika, sel'skoe i promysl'ovoe khoziaistvo Ameri-  
kanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.  
(MIRA 15:11)

1. Komissiya po problemam Severa Soveta po izucheniyu proiz-  
voditel'nykh sil Gosudarstvennogo nauchno-ekonomicheskogo  
soveta Soveta Ministrov SSSR (for Agranat, Puzanova)  
(North America--Power resources) (North America--Industries)  
(North America--Agriculture)



AGRANAT, G.A., kand. geogr. nauk, nauchnyy sotr.; KUPRIYANOV, A.B.,  
kand. geogr. nauk, nauchnyy sotr.; PUZANOVA, V.F., kand.  
geogr. nauk, nauchnyy sotr.; SLAVIN, S.V., doktor ekonom.  
nauk, otv. red.; BYKOV, I.K., red. izd-va; MAKOGONOVA, I.A.,  
tekhn. red.; GUSEVA, A.P., tekhn. red.

[Industry and transportation in the American North] Pro-  
myshlennost' i transport Amerikanskogo Severa. Moskva, Izd-  
vo Akad. nauk SSSR, 1962. 270 p. (MIRA 15:2)

1. Komissiya po problemam Severa Soveta po izucheniyu proiz-  
voditel'nykh sil (for Agranat, Kupriyanov, Puzanova)  
(Alaska--Industry) (Alaska--Transportation)  
(Canada--Industry) (Canada--Transportation)

SLAVIN, S.V.

Economic prerequisites of the development of national economy  
in the North of the U.S.S.R. Probl. Sev. no.6:7-17 '62.  
(MIRA 16:8)

1. Komissiya po problemam Severa, Soveta po izucheniyu  
proizvoditel'nykh sil pri Gosudarstvennom ekonomicheskom  
sovete pri Sovete Ministrov SSSR po tekushchemu planirovaniyu  
narodnogo khozyaystva.

(Russia, Northern---Economic policy)

AGRANAT, G.A., nauchn. sotr.; KUPRIYANOV, A.B., nauchn. sotr.;  
PUZANOVA, V.F., nauchn. sotr.; SLAVIN, S.V., doktor  
ekon. nauk, otv. red.; KORMIL'TSOVA, A.A., red.izd-va;  
MAKUNI, Ye.V., tekhn. red.

[Population and resources of the American North] Nasele-  
nie i resursy Amerikanskogo Severa. Moskva, Izd-vo AN  
SSSR, 1963. 229 p. (MIRA 16:10)

(Canada--Economic geography)  
(Alaska--Economic geography)

MARGOLIN, Adol'f Borisovich; SLAVIN, S.V., doktor ekonom. nauk,  
otv. red.; PALTEROVICH, D.M., red.izd-va; MAKUNI, Ye.V.,  
red.izd-va; RYLINA, Yu.V., tekhn. red.

[Problems in the national economy of the Far East] Problemy  
narodnogo khoz'istva Dal'nego Vostoka. Moskva, Izd-vo Akad.  
nauk SSSR, 1963. 253 p. (MIRA 16:5)  
(Soviet Far East--Economic conditions)

KILESSO, A.I.; FARAMAZYAN, R.A.; KONONYUK, B.Z.; MARTINSEN, Z.A.;  
ANDREYEV, Yu.V.; SLAVIN, S.V.; RUSETSKIY, S.B.; GLUSHKOV,  
V.P., otv. red.; PLISKINA, Ye.M., red.; TIKHOMIROVA, S.G.,  
tekhn. red.

[The shipbuilding industry of capitalist countries] Sudo-  
stroitel'naya promyshlennost' kapitalisticheskikh stran.  
Moskva, Izd-vo AN SSSR, 1963. 471 p. (MIRA 16:10)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezh-  
dunarodnykh otnosheniy. (Shipbuilding)

SLAVIN, S.V.

Ways to improve the efficiency of developing the natural  
resources of the distant northern territories of the U.S.S.R.,  
and research problems. Prob. Sev. no.5:5-18 '63.  
(MIRA 16:11)

1. Sovet po izucheniuyu proizvoditel'nykh sil pri Gosplane  
SSSR.

SLAVIN, S.V.

Lessons derived from the first Arctic navigations. Let. Sev. 4:56-  
70 '64. (MIRA 18:3)

1. Komissiya po problemam Severa Soveta po izucheniyu proizvoditel'-  
nykh sil pri Gosplane SSSR.

LAVRISHCHEV, Aleksey Nikitich, doktor geogr. nauk, prof.;  
PALAMARCHUK, M.M., prof., retsenzent; SLAVIN, S.V.,  
prof., retsenzent; RYAZANTSEV, S.N., dots., retsenzent;  
KUGUSHEV, N.G., dots., retsenzent; KISTANOV, V.V., kard.  
ekon. nauk, retsenzent; GLYAZER, L.S., red.; TARASOVA,  
T.K., mlad. red.; PONOMAREVA, A.A., tekhn. red.;  
GERASIMOVA, Ye.S., tekhn. red.

[Economic geography of the U.S.S.R.; general part, the  
geography of industry, agriculture, and transportation]  
Ekonomicheskaya geografiya SSSR; obshchaya chast', geog-  
rafiya promyshlennosti, sel'skogo khoziaistva i trans-  
porta. Moskva, Izd-vo "Ekonomika," 1964. 558 p.  
(MIRA 17:3)



SLAVIN, V.

Radio-Repairing

How to find a defect in radio receiver. Radio 22 no. 6, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

SLAVIN, V. (Moskva)

New book on progressive technology ("Methods of pasting the parts  
of clothing articles" by F. G. Fedeniuk. Reviewed by V. Slavin).  
Shvein.prom. no.4:36-37 J1-Ag '60. (MIRA 14;3)  
(Clothing industry--Technological innovations)  
(Fedeniuk, F.G.)

SLAVIN, V.

New scale for standard sizes and uniform methodology for clothing  
pattern construction. Shvein.prom. no.1:17-18 Ja-F '61.

(MIRA 14:3)

(Clothing industry)

SLAVIN, Val.

Motorships in the Donets Valley. Znan.ta pratsia no.7:12  
Jl '59. (MIRA 13:2)  
(Donets River--Locks (Hydraulic engineering))  
(Donets Valley--Water supply)

SLAVIN, V. A.

SLAVIN, V. A. -- "Influence of the Mineralogical Composition of Portland Cement on the Strength Properties of Concrete for the Piers and Span Structures of Railroad Bridges." Min Transport Construction USSR, All-Union Sci Res Inst of Railroad Construction and Planning, Moscow, 1955 (Dissertation For the Degree of Doctor of Technical Sciences)

SO: Knizhnaya letopis'. No. 37. 3 September 1955

SLAVIN, V.A., inzh.

Using concretes which harden in freezing weather. Transp. stroi.  
(MIRA 11:2)

8 no.2:13-17 F '58.

(Concrete construction--Cold weather conditions)

TITORENKO, N.Ye., kand.tekhn.nauk; SLAVIN, V.A., inzh.; TKACHENKO, V.S.,  
inzh.

In support of very rapid utilization of the planned capacities of  
large-panel housing construction plants. Transp. stroi. 11 no.10:  
34-38 0 '61. (MIRA 14:10)

(Precast concrete)

SHVEYKIN, V.V.; SLAVIN, V.B.

Investigating stresses in the forcing of a tube through the  
**hole** of a die. Izv. vys. ucheb. zav.; chern. met. 6 no.8:  
72-81 '63. (MIRA 16:11)

1. Ural'skiy politekhnicheskiy institut i Sinarskiy trubnyy  
zavod.



SHVEYKIN, V.V.; SLOVIN, V.B.

Basic parameters of a wedge mechanism for pushing pipe into a  
draw plate. Izv. vys. vcheb. zav.; Chern. met. 7 no.12:163-167  
1964 (MIRA 12:1)

1. Ural'skiy politekhnicheskiy institut.

SHVEYKIN, V.V.; SLAVIN, V.B.

Deformation during the pushing of a pipe through a die hole.  
Izv. vys. ucheb. zav.; Chern. met. 7 no.2:86-93 '64.  
(MIRA 17:3)

1. Ural'skiy politekhnicheskiy institut.

SHVEYKIN, V.V.; SLAVIN, V.B.

Forces in the pushing in of shaped tubes. Izv.vys.ucheb.zav.;  
zhern.met. 8 no.6:89-96 '65. (MIRA 18:8)

1. Ural'skiy politekhnicheskii institut.

SLAVIN, V.B.; GANETS, F.M.

New developments in the ventilation of a pickling department.  
Metallurg 10 no.5:31-32 My '65. (MIRA 18:6)

1. Sinarskiy trubnyy zavod.

ANTSYFEROV, I.K., inzh.; YERMANOK, M.Z., kand. tekhn. nauk; GANETS, F.M.;  
SLAVIN, V.B.; LEONT'YEV, Yu.S.; DEMEN'SHIN, V.P.; POTOPAYEV, A.P.

Book reviews. Stal' 25 no.2:147-150 F '65. (MIRA 18:3)

1. Sinarskiy trubnyy zavod (for all except Antsyferov, Yermanok).

82736

S/089/60/009/002/007/015  
B006/B056

21.5200

AUTHORS:

Val'ter, A. K., Gol'din, M. L., Slavin, V. I.

TITLE:

Approximate Calculation of the Mean Energy of Electrons  
Knocked out by Gamma Rays in an Ionization Chamber 19

PERIODICAL:

Atomnaya energiya, 1960, Vol. 9, No. 2, pp. 135-136

TEXT: An ionization chamber is better suited than a phosphor for various technical purposes such as measuring the thickness and density of materials. The low efficiency of ionization chambers for gamma radiation may be increased by various means. Mostly, this is done by coating the inner surface of the chamber with lead and by using multi-layer high-voltage collector electrodes. As an exact calculation of the ionization current meets with considerable difficulties, an approximation method is suggested here, which is based upon the knowledge of the mean energy of the electrons knocked out by gamma quanta. For this purpose, the authors used published theoretical and experimental data concerning the gamma radiation of  $Co^{60}$  and  $Cs^{137}$ . The geometry of the experiment theoretically dealt with in this paper is illustrated by a schematical drawing. The values obtained show that the

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Approximate Calculation of the Mean Energy of  
Electrons Knocked out by Gamma Rays in an  
Ionization Chamber

82736  
S/089/60/009/002/007/015  
B006/B056

method is suited for estimating ionization currents.

	Experimental	Calculated	Difference
Cs <sup>137</sup>	0.418 Mev	0.349 Mev	16.5%
Co <sup>60</sup>	0.702 Mev	0.798 Mev	13.7%

There are 1 figure, 1 table, and 9 references: 8 Soviet and 1 US.

SUBMITTED: February 26, 1960

Card 2/2

CA

Some ancient volcanoes of the Little Caucasus. V. 1.  
SLAVIN, Evst. Akad. Nauk U.S.S.R., Ser. Geol. 1947.  
148-52. Geol. descriptions of volcanoes located in the  
northern part of the Little Caucasus on the western bound-  
ary of Azerbaijan are given and the history of their de-  
velopment is related. Analyses are given of the rocks of  
4 different volcanoes, with petrographic characteristics for  
some lavas. Gladys S. May



SLAVIN, V.I.

Lower Cretaceous ammonites of Soviet Transcarpathia. Trudy L'vov.  
geol.ob-va no.1:71-75 '48. (MLBA 9:8)  
(Transcarpathia--Ammonoidea)

SLAVIN, V.I.

~~XXXXXXXXXXXXXXXXXXXX~~

Tithonian-valanginian ammonites of the Carpathian Mountains. Trudy Inst.  
geol.nauk 149:39-64 '53. (MLRA 6:12)

(Carpathian mountains--Ammonoidea) (Ammonoidea--Carpathian  
mountains)

15-57-2-1199

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,  
pp 2 (USSR)

AUTHORS: Alfer'yev, G. P., Slavin, V. I.

TITLE: History of Geological Study of Western Ukraine  
(Istoriya geologicheskogo izucheniya zapadnykh oblastey  
Ukrainy)

PERIODICAL: V sb: Ocherki po istorii geol. znaniy. Nr 4, Moscow,  
Iz-vo AN SSSR, 1955, pp 70-103

APSTRACT: The history of geological studies in the western  
reaches of the Ukraine, as presented in this article,  
is divided into four geological provinces: the south-  
western periphery of the Russian Platform; the Car-  
pathian peripheral flexure; the geosynclinal Carpathian  
district; and the trans-Carpathian district. Basic  
work dealing with the first of these districts was  
carried out in the pre-Soviet era, mainly by Polish  
and the Rumanian geologists. The article presents the

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15-57-2-1199

History of Geological Study of Western Ukraine (Cont.)

names of several scientists and gives the dates on which they made their scientific discoveries, principally stratigraphic in nature. The list starts with the works of Staszyc (1805). During the Soviet period, which started in Podolia and Volynia in 1939 and in the district of Chernovy in 1945, geological investigations began to be conducted on a larger scale. The discovery and the description of the structure of the L'vov region represent the most significant achievement of Soviet investigations. Correct solution of the geological problems soon led to the discovery and the quantitative estimate of a large number of mineral resources (hard coal, gypsum, phosphorites, bentonite clays). The district of the Carpathian peripheral flexure attracted the attention of investigators for a long time because of its deposits of salt, petroleum, and ozocerite. Austrian Geological Service conducted a geological survey of Galicia to the scale of 1:75 000 between 1887 and 1911. In the same period one of the first Miocene sections of the cis-Carpathian region was compiled, the thrust of the Carpathian flysch onto the salt-bearing cis-Carpathian Miocene was

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15-57-2-1199

History of Geological Study of Western Ukraine (Cont.)

ascertained, and the lead-zinc ores of Truskawiec were described. Starting with 1929, the published works of the Carpathian Geological Institute began to make their appearance, but they were discontinued with the publication of the geological map of the Western Carpathian Mountains to the scale of 1:200 000. During the Soviet Period an important part in the solution of geological problems dealing with the development of the flexure was contributed by the works of V. I. Slavin (1947), A. Ye. Mikhalov (1951), and others. Soviet geologists discovered three salt-bearing series, evaluated practical significance of the gas, oil and salt deposits, and found a number of new valuable minerals. The geosynclinal Carpathian district or, more exactly, the northern slopes of the Carpathian Mountains from the district of Drohobych to that of Stanislavov was studied mainly by Polish geologists; the region of Chernovtsy, by Austrian and Rumanian geologists. The history of studies on the southern Carpathian slopes in the trans-Carpathian district was much more complex. The pre-Soviet period of geological

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History of Geological Study of Western Ukraine (Cont.)

15-57-2-1199

first to clarify the history of geological development of the  
northern Carpathians (M. V. Muratov, 1947, 1949; Yu. M.  
Pushcharovskiy, 1951; V. I. Slavin, 1947).

Card 5/5

D. I. G.

SLAVIN, V.I.

Upper Jurassic deposits of the northeastern Carpathians. Geol.sbor.  
[Lvov] no.2/3:237-241 '56. (MLRA 10:3)

1. Moskovskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni  
gosuniversitet imeni M.V.Lomonosova.  
(Carpathian Mountains--Geology, Stratigraphic)

SLAVIN, V. I. Professor

"Tectonic History of the Pre-Carpathians," Lomonsov Lectures in 1956,"  
Vest. Mosk. U., Physico Math and Natural Sciences Series, 4, No. 6, pp. 147-160,  
1956, Geology Faculty

Translation U-3,054, 363



SLAVIN, V.I.

Stratigraphy of Jurassic deposits in the southwestern region of  
the Russian Platform. *Biul.MOIP.Otd.geol.* 31 no.3:107-108 My-Je '56.  
(Russian Platform--Geology, Stratigraphic) (MLRA 9:12)

15-57-2-1425

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,  
p 35 (USSR)

AUTHOR: Slavin, V. I.

TITLE: Kanev Dislocations in Dnepr District (Kanevskiye  
dislokatsii v Pridneprov'ye)

PERIODICAL: Uch. zap. Kazansk. gos. un-ta, 1956, Vol 115, Nr 10,  
pp 129-130

ABSTRACT: The author describes the Kanev dislocations on the right  
bank of the Dnepr 100 km from Kiyev. Data on the  
character of the folds of discontinuous fractures and  
their depth are given. The petrographic composition of  
the deposits is recorded. On the basis of the recent  
investigations, the author concurs with the opinion that  
the formation of the Kanev dislocations is related to  
exogenous factors--landslides and glaciers. The  
dislocated zone does not exceed 200 m in thickness.  
The folded forms do not extend far in depth.

Card 1/1

A. A. P.

SLAVIN, V.I.

Mesozoic history of the Carpathian Mountains. Uch.sap.Mosk.un.  
no.176:25-36 '56. (MLRA 9:12)  
(Carpathian Mountains--Geology, Stratigraphic)

Slavin, V.I.

AUTHOR: Slavin, V. I.

20-3-35/52

TITLE: Discovery of Triassic Deposits at the Southern  
Slope of the Great Caucasus (O nakhozhdenii triasovykh  
otlozheniy na yuzhnom sklone Bol'shogo Kavkaza)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 3, pp. 483-485 (USSR)

ABSTRACT: Up to now, no Triassic Deposits were known, although their possible occurrence was not denied theoretically. During the years 1955-1956 the author has investigated the upper part of the catchment area of the Mzymta-river and at its right bank near the village Estonskoye he described a rock exposure consisting of 5 layers. Within the limes (layers 2 and 5) there occur solitary and colonial corals Margarosmia sp. and Thamnostraea meriani var. Reus. The mentioned species are characteristic for the Upper Triassic, the genus Thamnostraea is widely distributed within the "Noric" limes of the northern slope of the Bol'shoy Kavkaz. The Triassic age of these deposits is additionally confirmed by the transgressive bedding of the basal layers of the Lower Liassic upward the left bank of the Mzymta-river. The Pre-Jurassic age of the limes of the Estonskoye is distinctly expressed by the characteristic

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Discovery of Triassic Deposits at the Southern Slope ~~20-3-35~~/52  
of the Great Caucasus

evidence of a mighty flexure at that epoch. Parallels may be drawn between the Triassic sediments of the southern slope and the Triassic of the Krym. The Triassic sediments, apparently, are distributed widely at the southern slope of the western part of the Bol'shoy Kavkaz, however, they difficulty can be jointed and separated, because indicating horizons are lacking, the fauna is poor and they are very much like Liassic sediments, with respect to the lithology. There are 3 references, all of which are Slavic.

ASSOCIATION: ~~Moscow State University~~ im. M. V. Lomonosov  
(Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova)

PRESENTED: July 5, 1957, by N. M. Strakhov, Academician

SUBMITTED: May 8, 1957

AVAILABLE: Library of Congress

Card 3/3

AYZENVERG, D.Ye., geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, N.T., geolog; GLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSHOV, V.A., geolog; ZHUKOV, G.V., geolog; ZAMORIY, P.K., geolog; IVANTISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ye., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MOLYAVKO, G.I., geolog; NAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHTAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTI-NOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GUROVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologiya SSSR. Glav. red. P.I.A. Antropov. Vol.5. [Ukrainian S.S.R., Moldavian S.S.R.] . . . Ukrainskaia SSR, Moldavskaya SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1. [Geological description of the platform area] Geologicheskoe opisanie platformnoi chasti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1958. 1000 p. [\_\_\_ Supplement] \_\_\_ Prilozheniia.  
(Continued on next card)

AYZENBERG, D.Ye.---(continued) Card 2.  
3 fold.maps (in portfolio)

(MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geologii i okhrany neдр. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova).
3. Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov).
4. AN Ukrainskoy SSR (for Semenenko).  
(Ukraine--Geology) (Moldavia--Geology)

SECRET, 1. 1.

GROSSGEYM, Vladimir Aleksandrovich; YEREMENKO, Nikolay Andreyevich;  
ZAYTSEV, Nikolay Sergeyevich; ZUBOV, Ivan Petrovich; KOSYGIN,  
Yuriy Aleksandrovich; PUSTIL'NIKOV, Mark Romanovich; ROSTOV'TSEV,  
Nikolay Nikitich; SLAVIN, Vladimir Il'ich; KHAIN, Viktor Yefimovich;  
KHALTURIN, Dmitriy Sergeyevich; CHERVINSKAYA, Marina Vladimirovna;  
SHCHERIK, Yevgeniya Aleksandrovna; EZDRIN, Mikhail Borisovich;  
KOSYGIN, Yu.A., red.; SHOROKHOVA, L.I., ved.red.; MUKHINA, E.A.,  
tekhn.red.

[Tectonics of petroleum provinces]. Tektonika neftenosnykh  
oblastei. Moskva, Gos.nauchno-tekhn. izd-vo neft.i gorno-toplivnoi  
literatury. Vol.2 [Regional tectonics of petroleum provinces of the  
U.S.S.R.] Regional'naya tektonika neftenosnykh oblastei SSSR.  
1958. 613 p. (MIRA 11:12)

1. Chlen-korrespondent AN SSSR (for Kosygin)  
(Petroleum geology)



SLAVIN, V.I.

New data on Permian sediments in the Glvany Range of the north-western Caucasus. Nauch.dokl.vys.shkoly; geol.-geog.nauki no.1: 169-171 '58. (MIRA 12:2)

1. Moskovskiy universitet, geologicheskoy fakul'tet, kafedra dinamicheskoy geologii.

(Glavnyy Range--Geology, Stratigraphic)

SLAVIN, V.I.

Principal features of the geological structure of central massifs in the Alpine geosyncline. Nauch.dokl.vys.shkoly; geol.-geog. nauki no.2:239-242 '58. (MIRA 12:2)

1. Moskovskiy universitet, geologicheskiy fakul'tet, kafedra dinamicheskoy geologii.

(Alps—Geology, Structural)

SLAVIN, V.I.

~~\_\_\_\_\_~~  
Pannonian massif of the Carpathians. Geol. sbor. [Lvov] no.5/6:  
75-84 '58. (MIRA 12:10)

1. Gosuniversitet imeni M.V. Lomonosova, Moskva.  
(Carpathian Mountains--Folds (Geology))

SLAVIN, V.I.

Division of Ukrainian western provinces into tectonic regions.  
Geol. sbor. [Lvov] no.5/6:536-545 '58. (MIRA 12:10)

1.Gosuniversitet imeni M.V. Lomonosova, Moskva.  
(Ukraine--Geology, Structural)

SLAVIN, V.I.

New data on the geology of the Krasnaya Polyana region and adjacent regions of the Greater Caucasus. Izv.vys.ucheb. zav.; geol. i razv. 1 no.6:31-45 Je '58. (MIRA 13:2)

1. Moskovskiy gosudarstvennyy universitet im.M.V.Lomonosova.  
(Krasnaya Polyana (Caucasus)--Geology)

AUTHOR: Slavina, V.I., Dobrynina, V.Ya. SOV-5-58-2-3/43

TITLE: The Stratigraphy of Jurassic Deposits of the L'vov Syncline and the Cis-Carpathian Marginal Depression (Stratigrafiya yurskikh otlozheniy L'vovskoy mul'dy i Predkarpatskogo krayevogo progiba)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody - Otdel geologicheskoy, 1958, <sup>33</sup>Nr 2, pp 43-54 (USSR)

ABSTRACT: The author gives the results of recent research work on the Jurassic deposits of the L'vov syncline and the Cis-Carpathian depression, carried out in co-operation with the Geological Institute of the AS USSR. In this connection, the names of Soviet scientists, who devoted their studies to this subject are mentioned, such as A. Al't, F. Beniash, F. Stanislavskiy, P.A. Gerasimov and Ye.A. Gofman, N.R. Ladyzhenskiy, Ya.M. Sandler, I.M. Yamnichenko, K. Voytsik, D. Keshmen, K. Glazevskiy, and S.I. Pasternak. The entire profile of the Jurassic deposits can be divided into three formations (see Figure 2): 1) the Sokal (Lias) formation consisting of sandy-argillaceous and carboniferous deposits; 2) the Rava-Russkaya (bat-Callovia) formation consisting of dolomite, gypsum, anhydride and clay deposits, and 3) the Bukovina formation (Upper Jurassic period) consisting of limestone and marl deposits. A more detailed

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SOV-5-52-2-3/43

The Stratigraphy of Jurassic Deposits of the Lvov Syncline and the Cis-Carpathian Marginal Depression

classification of the Jurassic deposits of the Lvov syncline and the Cis-Carpathian marginal depression has up to now been impossible.

There are 4 charts and 7 references, 4 of which are Soviet and 3 Polish.

1. Geology---USSR

Card 2/2

AUTHOR:

Slavin, V. I.

SOV/20-120-3-50/67

TITLE:

On the Jurassic Marginal Downwarping of the Ciscarpathians and Dobruja (O yurskom Predkarpato-Dobruzhinskom krayevom izogibe)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 3, pp.617-620 (USSR)

ABSTRACT:

The Russkaya platform is in the south bordered by the Predkarpatskiy marginal downwarping, which is of alpine age. This latter together with the corrugated mountains of the Carpathians turns to the south and departs from the platform. Hitherto the opinion has been held that east of this detachment the Russkaya platform is bordering the Mesozoic corrugated mountains of the Dobruja buried below the Neogene Prichernomorskaya depression. (Ref 2). In recent years Jurassic deposits with a thickness reaching 3500 m were found by drilling in the South Moldavia below the Neogene and partly below the Cretaceous layers, these deposits filling up the deep downwarping, which is pursued along the front of the fold of the North-Dobruja. (Ref 1). Such deposits were

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SOV/20-120-3-50/67

On the Jurassic Marginal Downwarping in the Carpathians and Dobruja

also found by drilling below the Neogene of the Predkarpatskiy downwarping, which up to now could not be penetrated. From this it appears that it is possible to trace a narrow, however, deep marginal downwarping of Jurassic age along the border of the Russkaya platform from the Black Sea to the Polish border in a north west direction. Its width in Moldavia reaches 100 km, in front of the Carpathians on the latitude of L'vov from 60 to 80 km. In Romania on the meridian of Chernovtsy, the downwarping is narrowed down. It is very difficult to trace its south border, as it is covered. The north border takes its course from the mouth of the Dniestr, south of Kishinev, to Kaushany, in the Seret valley, further to Chernovtsy and Gorodenka. Farther west it merges with the Jurassic downwarping of the depression of L'vov, and it is difficult to draw a border line. The said downwarping represents an extensive formation of a regional order. It was formed previous to the late Hercynian Triassic fold system of the Dobrudzha, this process taking place at the end of the Triassic age or at the beginning of the Liassic time. It underwent the greatest downwarping during the Middle Jurassic age. Then the axis of the downwarping

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SOV/20-120-3-50/67

On the Jurassic Marginal Downwarping of the Ciscarpathians and Dobruja

traveled north. Towards the end of the Jurassic age the downwarping ceased. Apart from the theoretical importance of the examination of the downwarping it also can be of practical importance, as bitumen, natural gases and salts may be connected with its sediments. There are 1 figure and 4 references which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: September 14, 1957, by N. S. Shatskiy, Member, Academy of Sciences, USSR

SUBMITTED: September 14, 1957

1. Geology--USSR 2. Geophysical prospecting--USSR 3. Geological time--Determination

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30(7)  
AUTHOR: Slavin, V.I., Professor, Committee Member SOV/26-59-2-30/53  
TITLE: The Fourth Congress of the Carpatho-Balkan Association (IV s"yezd Karpato-Balkanskoy assotsiatsii)  
PERIODICAL: Priroda, 1959, Nr 2, pp 104-105 (USSR)  
ABSTRACT: In 1956, at the XXth session of the International Geological Congress, the activities of the Carpathian Association of Geologists were resumed for the first time in 27 years under the name of the Carpatho-Balkan Association. The renamed association convened for its IVth congress in Kiyev and L'vov from 16 to 29 May. The 255 participating geologists included delegations from Bulgaria, Hungary, Poland, Rumania, the CSR and the USSR. In Kiyev the chief problems were concerned with tectonics and the distribution of mineral resources. O.S. Vyalov - on behalf of the Organization Committee - delivered an extensive paper on those essentially correct ideas about the structure of the Carpathians which were conceived by Soviet researches for the past

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SOV/26-59-2-30/53

The Fourth Congress of the Carpatho-Balkan Association

differ from the flysch of other regions, the head of the Polish delegation, Professor M. Książkiewicz, opposed vividly and pointed out the singularity of the Carpathian flysch. The head of the Rumanian delegation, Professor Filipescu, compared the black **chalk shale** of the Cretaceous and Paleogene periods of the East and West Carpathians. The congress decided on setting up permanently acting commissions of specialists in the fields of stratigraphy and paleogeography, tectonics, petrography and magmatism, mineralogy and geochemistry, hydrogeology and geological mapping. This close cooperation of the Carpatho-Balkan geologists permits the establishment of long-range scientific projects, such as the preparation of a stratigraphic dictionary of the Carpatho-Balkan Mountain Range, compilation of mineralogic and paleontologic handbooks on the Carpathians and the Balkan Mountains, the establishment of a standardized scheme of the Mesocenozoic era, a final determination of the role of overthrusts in the Car-

Card 3/4

SLAVIN, V.I.

Geological structure of the Rhodope central massif. Sov.geol. 2  
no.4:21-33 Ap '59. (MIRA 12:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
(Rhodope Mountains--Geology, Structural)

MASLAKOVA, N.I.; SLAVIN, V.I.; AFANAS'YEV, S.L.

Age of black argillites in Svalyava District, Transcarpathia.  
Sov.geol. 2 no.4:145-146 Ap '59. (MIRA 12:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
(Svalyava District--Argillite)

3(5)

SOV/26-59-5-36/47

AUTHOR: Slavin, V.I., Professor

TITLE: Columnar Concretions in Bulgaria

PERIODICAL: Priroda, 1959, <sup>16</sup>Nr 5, p 116 (USSR)

ABSTRACT: The author describes columnar concretions occupying about 20 km<sup>2</sup>, situated 15 km west of Varna. The area resembles a site of excavations of an old town or a forest broken by a hurricane. The columns are up to 5 m high and 0.5 to 3 m in diameter. They are composed of calciferous sandstone containing foraminifera shells. Some of the columns are hollow inside, some bear cracks and some have already fallen to the ground. This phenomenon is described by S. Bonchev as a variety of stalactites formed by the infiltration of lime into the ~~strata of sand~~ <sup>strata of sand</sup>.

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3(5)

SOV/11-59-3-3/17

AUTHOR: Slaviv, V.I.

TITLE: The Tectonic History of the Western Ukraine and the Tectonic Zoning of this Territory (O tektonicheskoy istorii zapadnoy Ukrainy v svyazi s tektonicheskimi rayonirovaniyem etoy territorii)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1959, Nr 3, pp 36-45 (USSR)

ABSTRACT: The author describes in detail the tectonic history of the Western Ukraine, dividing it into 2 principally different regions; namely the Russian Plateau in the North and the Ancient Geosyncline in the South. It is pointed out that it is impossible to represent the Caledonian structures within the Western parts of the UkrSSR or Moldavia on a present-day tectonic map. Details are furnished on the development of the Upper-Paleozoic geosyncline within the Carpathians. Comparisons on cross sections are made with cross sections of the same zone in Slovakia and Rumania. These compari-

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SOV/11-59-3-3/17

The Tectonic History of the Western Ukraine and the Tectonic  
Zoning of this Territory

sons disclosed that the volume of Devonian deposits is more constant than that of hard coal. The author mentioned the following geologists who contributed to compiling this study: W. Teisseyre, M.M. Tetyayev, W. Zych, D.N. Sobolev, V. Unlig, G. Svidzinskiy, K. Tolvinskiy, M.V. Muratov, V.I. Slavin, T. Szalai, A.A. Bogdanov, O.S. Vyalov, V.G. Bondarchuk, N.S. Shatskiy, G.Kh. Dikenshteyn, D.P. Naydin, and P.L. Shul'ga. There are 3 maps and 19 references, 13 of which are Soviet, 3 Polish, 1 Hungarian, 1 French and 1 German.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova (Moscow State University imeni M.V. Lomonosov)

SUBMITTED: September 14, 1957.

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